Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_ Per.: \_\_\_\_\_\_\_\_

**2.2 Constructing Rotations: Putting it all together**

1. How do you find the center of rotation given a pre-image and a rotated image?

2. How do you determine the angle of rotation?

3. **Why** do we use a perpendicular bisector to determine the center?

4. **Why** does it not matter which set of corresponding points we use to form the angle of rotation? And **why** is the center of rotation the vertex of that angle?